

Serial No. 10/686,796

Amend. In Resp. to Off. Act. of July 12, 2007

UTILITY PATENT

B&amp;D No. PC03-67-1

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-19 (canceled).

Claim 20 (currently amended): A mechanism for securing a removable battery to a power tool, comprising:

a battery receiving portion including at least one upright member and flange forming a guide channel for receiving a corresponding rail included on a removable battery; and

a closure member slidably mounted to the battery receiving portion said closure member being configured to ~~obtain~~ move between a locked position and a released position, said closure member including a generally angled surface directed toward ~~a received removable~~ the battery during connection of the battery to the power tool,

wherein the angled surface of the closure member, when in a locked position, is disposed within guide channel such that contact by the rail included on ~~toward a received~~ the battery automatically forces the closure member into a released position.

Claim 21 (previously presented): The mechanism of claim 20, further comprising means for biasing the closure member into the locked position.

Claim 22 (previously presented): The mechanism of claim 20, wherein the closure member is formed with a push-button directed towards the exterior of the power tool.

Serial No. 10/686,796

Amend. In Resp. to Off. Act. of July 12, 2007

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B&amp;D No. PC03-67-1

Claim 23 (currently amended): The mechanism of claim 220, wherein depressing the push-button inwards toward the battery receiving portion disposes the closure member in the released position.

Claim 24 (previously presented): The mechanism of claim 20, wherein the received battery rail includes a chamfered leading edge of an upright member forming the rail.

Claim 25 (previously presented): The mechanism of claim 20, wherein the battery receiving portion is configured to support the power tool when no battery is connected.

Claim 26 (currently amended): The mechanism of claim 20, wherein a movement of the closure member between the locked position and the released position is ~~are~~ generally transverse to the at least one channel guide.

Claim 27 (currently amended): A mechanism for securing a removable battery to a power tool, comprising:

a battery receiving portion including at least one upright member and flange forming a guide channel for receiving a corresponding rail included on a ~~a removable~~ the battery; and

a closure member slidably mounted to the battery receiving portion said closure member being configured to ~~obtain~~ move between a locked position and a released position, the closure member in said released position being orientated transversely to the guide channel;

wherein the closure member automatically secures the received battery upon insertion.

Claim 28 (previously presented): The mechanism of claim 27, further comprising means for biasing the closure member into the locked position.

Serial No. 10/686,796

Amend. In Resp. to Off. Act. of July 12, 2007

UTILITY PATENT

B&amp;D No. PC03-67-1

Claim 29 (previously presented): The mechanism of claim 27, wherein the closure member is formed with a push-button directed towards the exterior of the power tool.

Claim 30 (previously presented): The mechanism of claim 29, wherein depressing the push-button inwards toward the battery receiving portion disposes the closure member in the released position.

Claim 31 (previously presented): The mechanism of claim 27, wherein the received battery rail includes a chamfered leading edge of an upright member forming the rail.

Claim 32 (previously presented): The mechanism of claim 27, wherein the battery receiving portion is configured to support the power tool when no battery is connected.

Claim 33 (currently amended): A cordless power tool, comprising:

a battery receiving portion including at least one upright member and flange forming a guide channel for receiving a corresponding rail included on a removable battery, said battery receiving portion formed integrally with the power tool; and

a closure ~~mechanism~~ member disposed adjacent to the battery receiving portion, said closure member including:

a push button disposed transverse to the guide channel, said push button for disposing the closure member into at least one of a locked position and a released position; and

a chamfered locking surface for locking a received battery,

Serial No. 10/686,796

Amend. In Resp. to Off. Act. of July 12, 2007

UTILITY PATENT

B&amp;D No. PC03-67-1

wherein ~~the~~ an angular surface of the chamfered locking surface is directed toward a ~~received-the~~ battery during connection of the battery to the power tool such that the closure member automatically secures the ~~received~~ battery upon insertion.

Claim 34 (previously presented): The power tool of claim 33, wherein the chamfered locking surface is disposed in the at least one guide channel.

Claim 35 (previously presented): The power tool of claim 33, further comprising means for biasing the closure member into the locked position.

Claim 36 (previously presented): The power tool of claim 33, wherein depressing the push-button inwards toward the battery receiving portion disposes the closure member in the released position.

Claim 37 (previously presented): The power tool of claim 33, wherein the received battery rail includes a chamfered leading edge of an upright member forming the rail.

Claim 38 (previously presented): The power tool of claim 33, wherein the battery receiving portion is configured to support the power tool when no battery is connected.

Claim 39 (currently amended): The power tool of claim 33, wherein a movement of the closure member between the locked position and the released position is ~~are~~ generally transverse to the at least one channel guide.